

MEMONEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTIONTO Al KaczorowskiFROM Richard PopielDATE December 15, 1981SUBJECT Seaview Square Mall (Old Disrupted Landfill), Ocean Township, Monmouth County

In response to your memo (October 28, 1981), Bob Leary and I visited the area on November 4, 1981 to investigate complaints about leachate seeps and possible stream pollution due to an old disrupted landfill where the Mall now sits. The stream in question runs through the mall.

Leachate and two stream samples were collected and taken to the N.J. State Department of Health Laboratories for analyses.

TEST RESULTS

The laboratory results show that the apparent leachate seeps in the streambed are not noticeably affecting the stream quality. There is also no positive evidence that the leachate is of landfill origin.

There are elevated numerical values in the leachate test results which are indicative of slight pollution. No landfill type leachate odors were detected in the leachate samples at the time of sampling. The observed brown-red color in the leachate seeps are most likely due to the high iron compounds which were reported by the laboratory.

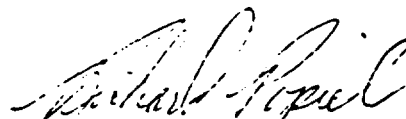
The laboratory results show no significant evidence of pollution in the main stream. A comparison of the results of samples taken upstream from the old site to those taken downstream show little difference in quality. The quality of the downstream samples, however, looks slightly better than upstream.

Potential pollution sources are evident due to the fact that it is a shopping mall. The natural slope of the land plus drainage pipes carry surface water into the stream.

The downstream area is adjacent to an ACME Super Market and observed items in the stream included a metal shopping cart, cardboard cartons, etc. but there was no indication of indiscriminate dumping in the stream.

CONCLUSION

The present assessment based on the initial laboratory data and field observations indicate no environmental hazards exist in the stream due to the old landfill.



Richard Popiel

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